What is claimed is:

1. A head actuator, comprising:

an arm having a rotary drive section;

two plate shaped elastic members attached towards the tip of said arm with a gap between each other;

a magnetic head supported at the tip of each of said elastic members;

a boss on the other end of each of said elastic members that protrudes in the direction of the side on which said magnetic head is provided; and

a fixing section, which has a hole into which said bosses are inserted, formed on the tip side of said arm, wherein

said boss of one of said elastic members is inserted into said hole from one end section thereof, and said boss of the other elastic member is inserted into said hole from the other end section thereof so as to have said fixing section held and fixed between said elastic members, and

said elastic members are attached to said arm at an angle with respect to the direction in which said arm extends.

2. The head actuator according to claim 1, wherein said elastic members are fixed to said fixing section of said arm by caulking said bosses.

3. The head actuator according to claim 1, wherein said elastic members are fixed to said fixing section of said arm by an adhesive.

4. A hard disk apparatus, comprising:

a head actuator in which two plate shaped elastic members are attached, with a gap between themselves, towards the tip of an arm having a rotary section, a magnetic head is attached to the tip of each of said elastic members, and said magnetic heads are positioned on both sides of a disk;

a boss provided on the other end of each of said elastic members that protrudes in the direction of the side on which said magnetic head is provided; and

a fixing section, which has a hole into which said bosses are inserted, formed towards the tip of said arm, wherein

said boss of one of said elastic members is inserted into said hole from one end section thereof, and said boss of the other elastic member is inserted into said hole from the other end section thereof so as to have said fixing section held and fixed between said elastic members, and

said head actuator has a shape in which said elastic members are attached to said arm at an angle with respect to the direction in which said arm extends so that said elastic members are inclined towards said disk.

5. The hard disk apparatus according to claim 4, wherein said elastic members are fixed to said fixing section of said arm by caulking said bosses.

6. The hard disk apparatus according to claim 4, wherein said elastic members are fixed to said fixing section of said arm by an adhesive.

7. The hard disk apparatus according to claim 4, wherein said disk is housed in a disk cartridge, and is freely removable from said apparatus.

8. A method of manufacturing a head actuator, comprising:

attaching two plate-shaped elastic members each having a magnetic head towards the tip of an arm with a gap between said elastic members;

inserting a boss provided on one of said elastic members into a hole in a fixing section provided towards the tip of said arm from one end section of said hole;

inserting a boss provided on the other elastic member into said hole of said fixing section from the other end section of said hole; and

fixing said bosses to said fixing section by caulking said bosses.